

AMENDMENTS TO THE CLAIMS

1-9. (Cancelled)

10. (New) Amorphous carbon particles which are extracted from combustion ash of petroleum coke, wherein each of the particles provide a non-circular section, and wherein a weight depreciation rate of the particles after 60 minutes' standing at a maintaining temperature of 500 °C in the presence of air is in the range of less than 30%, and wherein a mean average particle size of the particles is in the range of 50-1 μm .

11. (New) Amorphous carbon particles according to Claim 10, wherein specific surface area of the particles measured by BET method is in the range of 20-1 m^2/g , and wherein pore volume in the particles measured by the nitrogen adsorption method is in the range of 0.020-0.001 ml/g .

12. (New) Amorphous carbon particles according to Claim 10, wherein spacing in the particles measured by X-ray diffraction is not less than 3.43 Å.

13. (New) Composite material which comprises amorphous carbon particles according to Claim 10 which are blended in a matrix which comprises an organic material or an inorganic material.

14. (New) Composite material according to Claim 13, wherein the amorphous carbon particles are blended at a rate of 10 - 70 % by weight of the composite material.

15. (New) Carbon - carbon composite material which comprises the amorphous carbon particles according to Claim 10 which are mixed with another carbon material.

16. (New) Carbon - carbon composite material according to Claim 15, wherein the amorphous carbon particles are blended at a rate of 10 - 70 % by weight of the composite material.

17. (New) Cement composition which comprises at least an inorganic binder and the amorphous carbon particles according to Claim 10.

18. (New) Cement composition according to Claim 17, wherein the amorphous carbon particles are blended at a rate of 10 - 70 % by weight of the total solid in the cement composition.